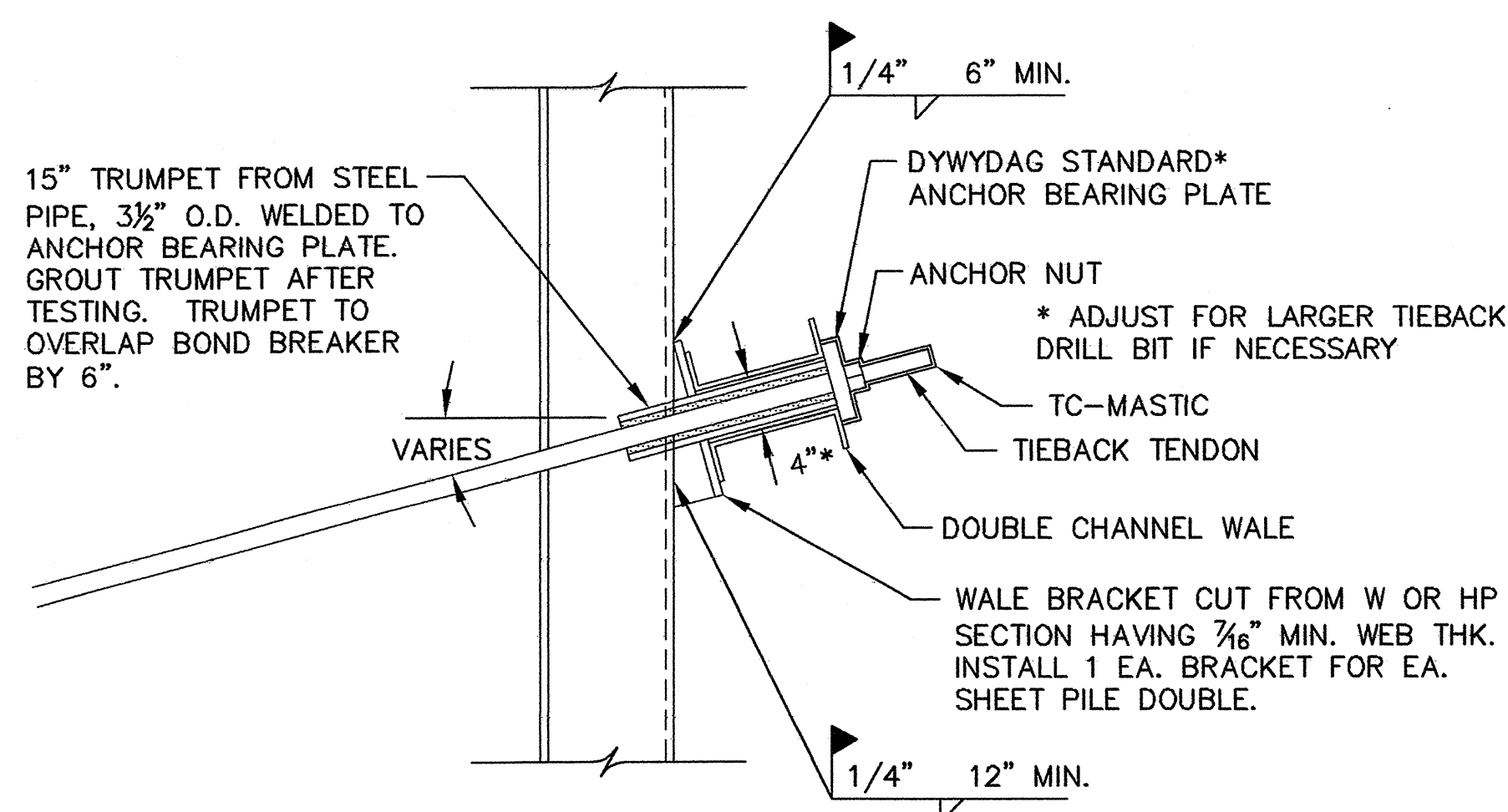
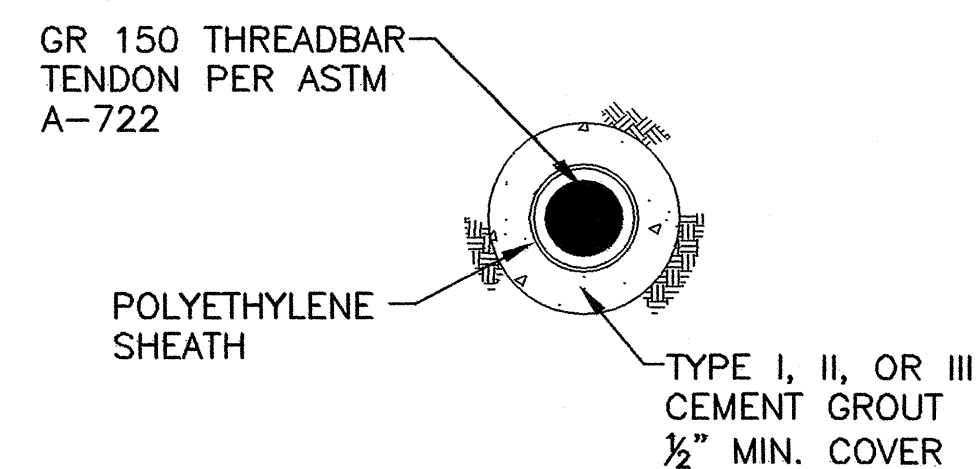


SECTION A-A
SCALE: 1/4" = 1'-0"

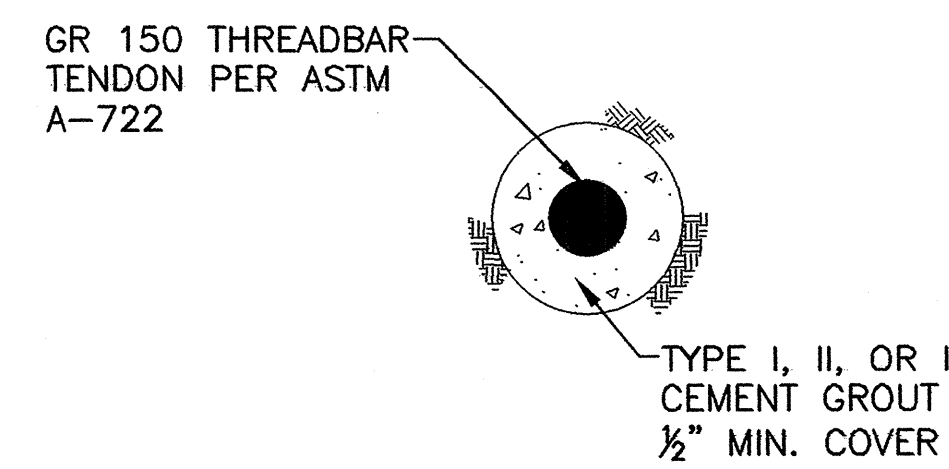


TIEBACK WALE & BRACKET DETAIL
SCALE: 1" = 1'-0"

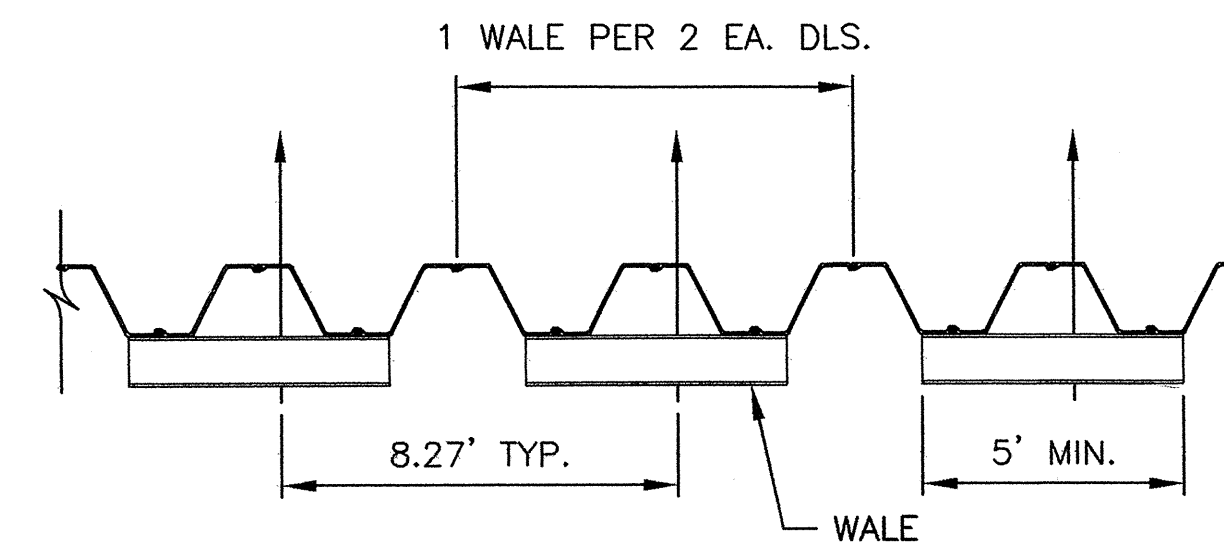


THREADBAR UNBONDED LENGTH
NOT TO SCALE

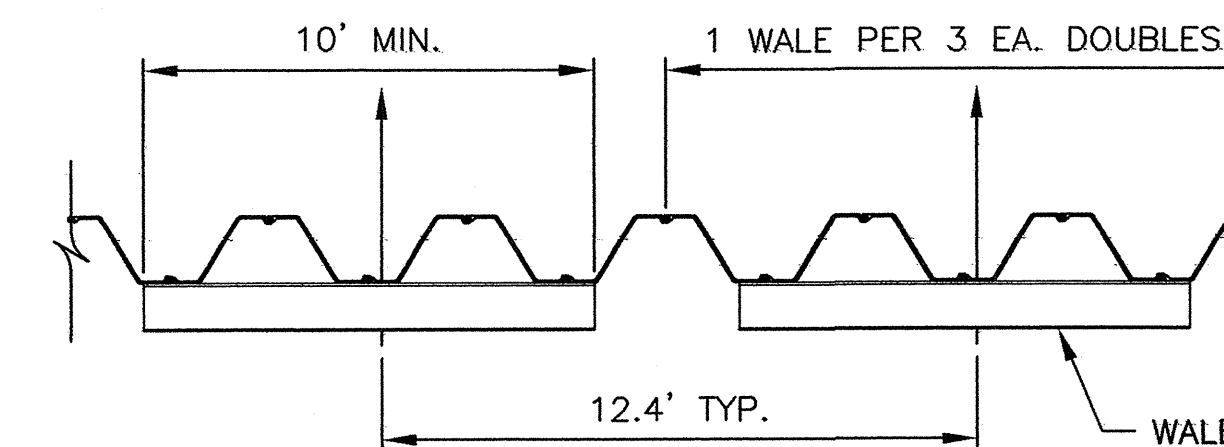
NOTE: BOND LENGTH CENTRALIZERS ARE NOT REQUIRED FOR PRESSURE INJECTED TIEBACK ANCHORS. USE CENTRALIZERS FOR TIEBACKS WITH BOND LENGTHS IN CLAY OR ROCK.



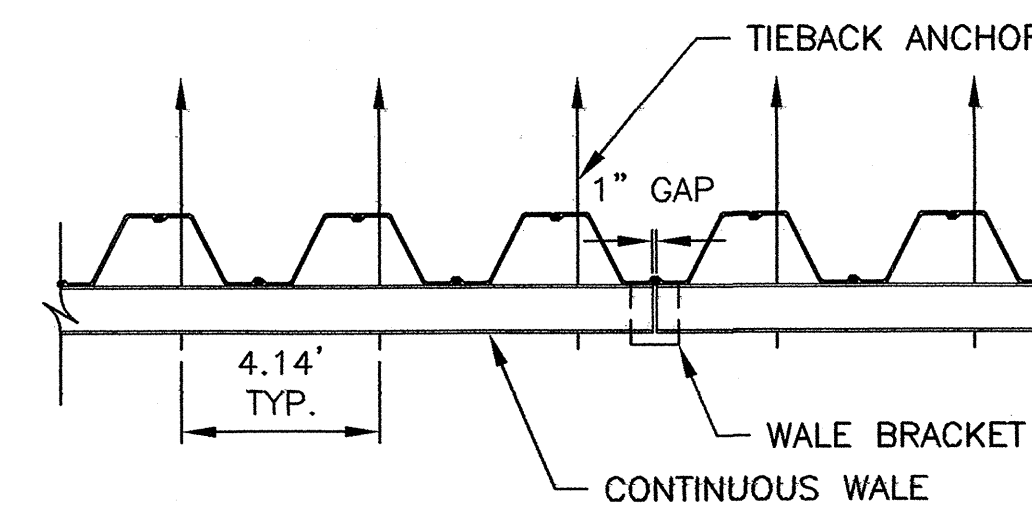
THREADBAR BOND LENGTH
NOT TO SCALE



TIEBACK/WALE DETAIL 1
SCALE: 1/4" = 1'-0"

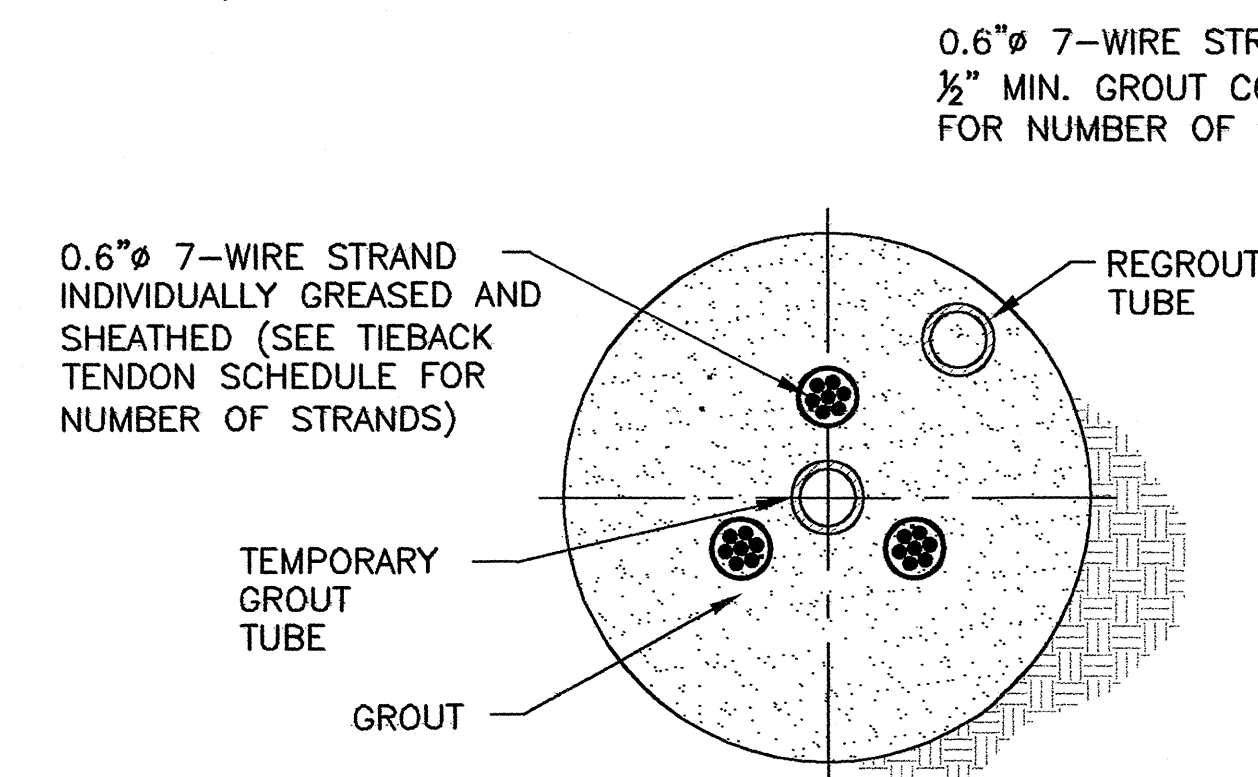


TIEBACK/WALE DETAIL 2
SCALE: 1/4" = 1'-0"

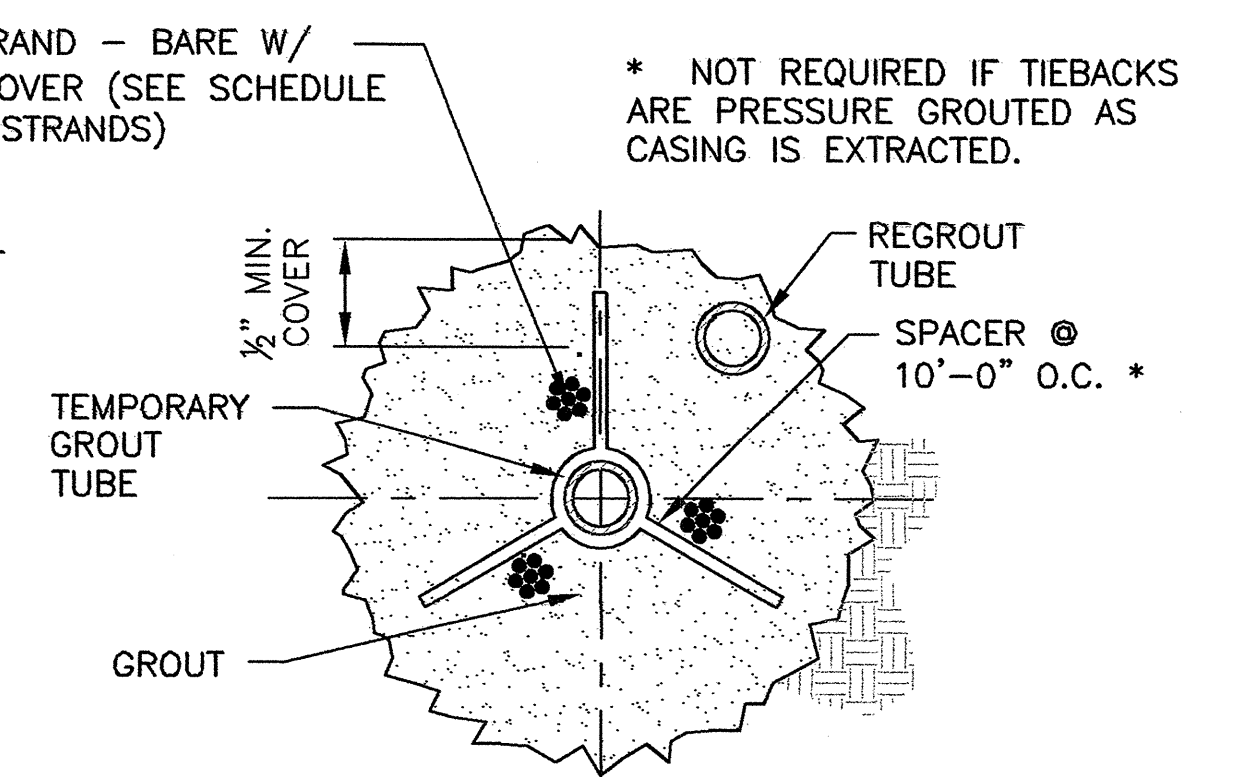


NOTE: WALE NEED NOT BE SPLICE WELDED CONTINUOUS. PROVIDE 1" GAP BETWEEN WALE SECTION ENDS CENTERED OVER WALE BRACKETS.

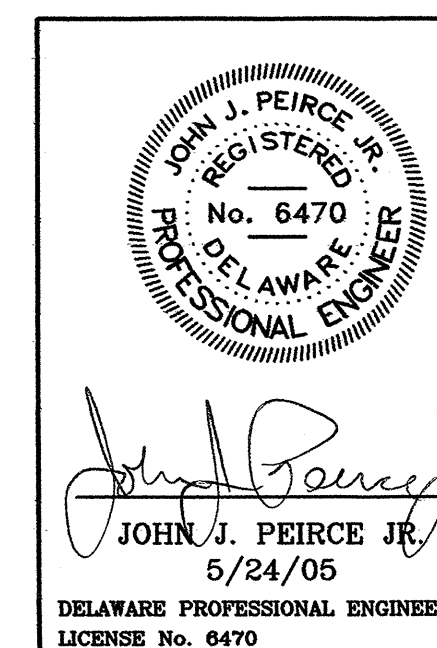
TIEBACK/WALE DETAIL 3
SCALE: 1/4" = 1'-0"



STRAND UNBONDED SECTION
SCALE: 1/2" = 1'-0"



STRAND BONDED SECTION
SCALE: 1/2" = 1'-0"



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DELAWARE RIVER SEASHORE STATE PARK
BR 3-156 INDIAN RIVER INLET
FEDERAL AID PROJECT NO. BROS-S050(7)
DETAILS

1	FIGG REVIEW COMMENTS DATED 6/17/05	6/27/05			DWG. NAME: SHEETING.DWG	STRUCTURE NO.
NO.	REVISIONS	DATE	APP'D		SCALE: AS NOTED	CONTRACT NO. 27-073-03
DESIGNED: JJP	CHK'D: JPB	DRAWN: JPB	CHK'D: JJP			DWG. NO. 27-073-03
						SHEET NO. 5 OF 6